



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square
New Britain, Connecticut 06051
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CERTIFIED MAIL Z 276 419 655
RETURN RECEIPT REQUESTED

March 26, 1999

Peter W. van Wilgen
SNET Mobility, Inc.
500 Enterprise Drive
Rocky Hill, CT 06067-3900

RE PETITION NO. 412 – Springwich Cellular Limited Partnership petition for a Declaratory Ruling that no Certificate of Environmental Compatibility and Public Need is required to modify a Connecticut Light & Power high-voltage electric transmission line support structure located off 17 Daybreak Lane in Shelton, Connecticut.

Dear Mr. van Wilgen:

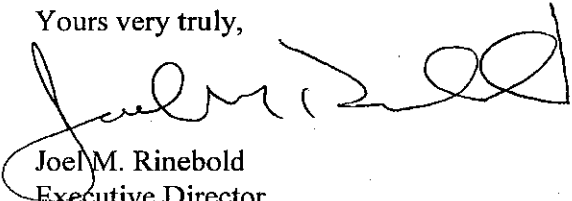
At a public meeting held on March 24, 1999, the Connecticut Siting Council (Council) considered and ruled that the proposed modification to an existing electric transmission line structure located off of Daybreak Lane in Shelton, Connecticut, would not have a substantial adverse environmental effect, and pursuant to General Statutes § 16-50k would not require a Certificate of Environmental Compatibility and Public Need.

This decision applies only to Petition No 412, and is not applicable to any other modification or construction. All work is to be implemented as specified in the petition, dated March 10, 1999, with a condition that landscaping be placed around the equipment building and a gate installed at the entrance off of Daybreak Lane.

This facility has been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequency now used on this tower. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Please notify the Council upon completion of construction. Enclosed for your information is a copy of the staff report on this project.

Yours very truly,


Joel M. Rinebold
Executive Director

JMR/RKE/jlh

Enclosure (1): Staff Report dated March 24, 1999

c: Honorable Mark A. Lauretti, Mayor, City of Shelton
Dorian E. Hill, Principal Engineer, Northeast Utilities



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Petition No. 412
Springwich Cellular Limited Partnership
Shelton, Connecticut
Staff Report
March 24, 1999

On March 22, 1999, Daniel P. Lynch, Jr., of the Connecticut Siting Council (Council) and Robert K. Erling of the Council staff met Marshall West of Springwich Cellular Limited Partnership (Springwich) for a field review of this petition in Shelton, Connecticut. Springwich is petitioning the Council for a determination that no Certificate of Environmental Compatibility and Public Need (Certificate) would be required for modifications to existing Connecticut Light and Power (CL&P) electric transmission line # 1570, and structure # 1340 off of Daybreak Lane in Shelton.

Springwich submits no Certificate would be required because the installation of its antennas and associated equipment at this tower would not have a substantial adverse environmental effect.

Springwich proposes to attach its panel antennas to the top of an existing 71.7-foot CL&P electric transmission line lattice tower. The top of the antennas would be approximately 89.1 feet above ground level. At CL&P's request, the antenna platform would be designed to support Springwich's antennas only. Other nearby transmission towers range from 80 to 85 feet in height.

Springwich would install a 12-foot by 26-foot equipment shelter within the transmission line right-of-way near the base of the tower. An eight-foot security fence would be placed around the equipment shelter.

Access to the transmission line tower would be from Daybreak Lane onto land currently covered under the present right-of-way agreement held by CL&P. A permanent driveway approximately 200 feet in length would be constructed to access the tower both during antenna installation and for maintenance purposes.

The area surrounding the transmission line structure includes unoccupied residential lots to the west and east, Daybreak Lane to the south, and Route 8 to the north. The nearest residence is approximately 350 feet east of the transmission tower, with existing vegetative screening between the tower and the residence. This resident has granted Springwich access to the site through his property.

There are no wetlands in the vicinity of the tower site. All erosion and sediment control measures would be installed as required in accordance with the Connecticut Guidelines for Soil Erosion and Sediment Control.

The total calculated radio frequency power density at the base of the tower would be 0.1064 mW/cm², 18.14 percent of the maximum permissible exposure for uncontrolled environments based on Federal Communications Bulletin 65, August 1997.